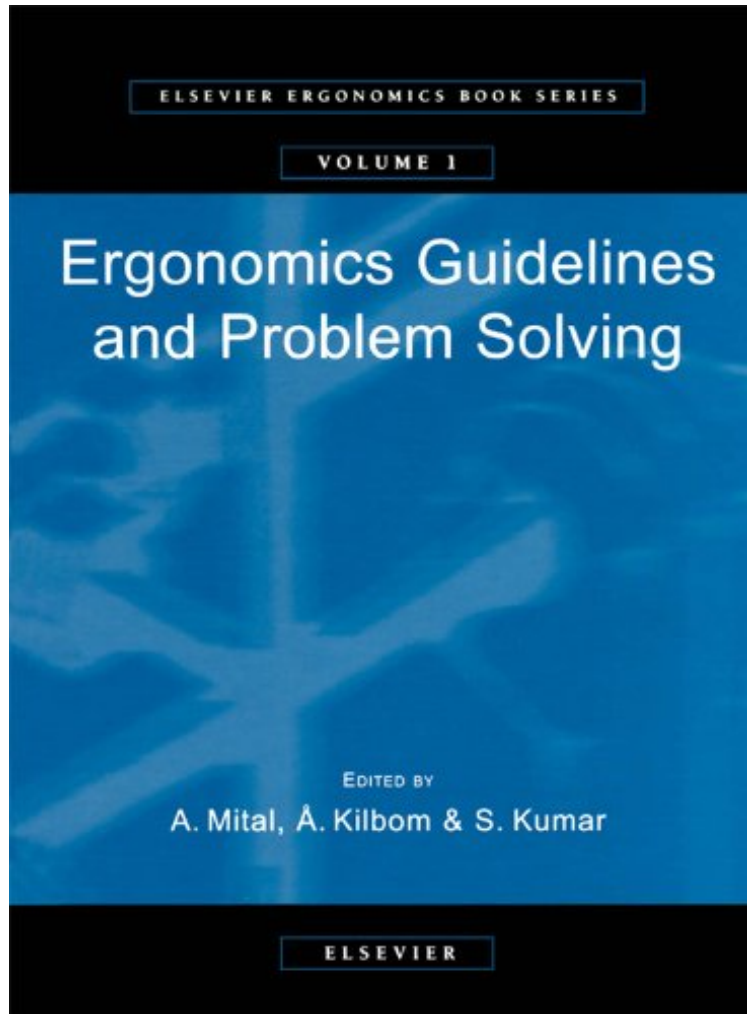


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A. Mital

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A. Mital : Ergonomics Guidelines and Problem Solving (Elsevier Ergonomics Book Series) before purchasing it in order to gauge whether or not it would be worth my time, and all praised Ergonomics Guidelines and Problem Solving (Elsevier Ergonomics Book Series):

There is an urgent need to disseminate ergonomics "know-how" to the work place. This book meets that need by providing clear guidelines and problem solving recommendations to assist the practitioner in decisions that directly protect the health, safety and well-being of the worker. The guidelines have evolved from a series of symposia on Ergonomic Guidelines and Problem Solving. Initially experts in each area selected were asked to write draft

guidelines. These guidelines were circulated to participants at the symposia and to other experts for review before being comprehensively revised. In some instances these guidelines cannot be considered complete but it is important now to put some recommendations forward as guidelines. It is hoped that as new research emerges each guideline will be updated. Each guideline has been divided into two parts. Part I contains the guidelines for the practitioner and Part II provides the scientific basis or the knowledge for the guide. Such separation of the applied and theoretical content was designed to facilitate rapid incorporation of the guide into practice. The target audience for this book is the practitioner. The practitioner may be a manager, production system designer, shop supervisor, occupational health and safety professional, union representative, labor inspector or production engineer. For each of the guidelines, relevant practitioners are described. Topics covered include work space design, tool design, work-rest schedules, illumination and maintenance.

About the Author Anil Mital is Professor of Industrial Engineering and Physical Medicine and Rehabilitation, and Director of Industrial Engineering at the University of Cincinnati. He is also the Founding Director of the Ergonomics and Engineering Controls Research Laboratory and former Director of Industrial Engineering at the University of Cincinnati. He holds a B.E. degree in Mechanical Engineering from Allahabad University, India, and an M.S. and a Ph.D. in Industrial Engineering from Kansas State University and Texas Tech University, respectively. He is Editor-in-Chief of the International Journal of Industrial Ergonomics, International Journal of Industrial Engineering and author/coauthor/editor of nearly 400 technical publications including 20 books. His research interests are in the areas of Applied Ergonomics, Application of Systems Methodologies to Ergonomics, Metal Cutting, Economic Justification and traditional Industrial Engineering. Dr Mital is the Founder of the International Society (formerly Foundation) of Occupational Ergonomics and Safety and a Fellow of the Human Factors and Ergonomics Society. He is also a Fellow of the Institute of Industrial Engineers and Past Director of its Ergonomics Division.